

Sanitary Paper Product Manufacturing: 2002

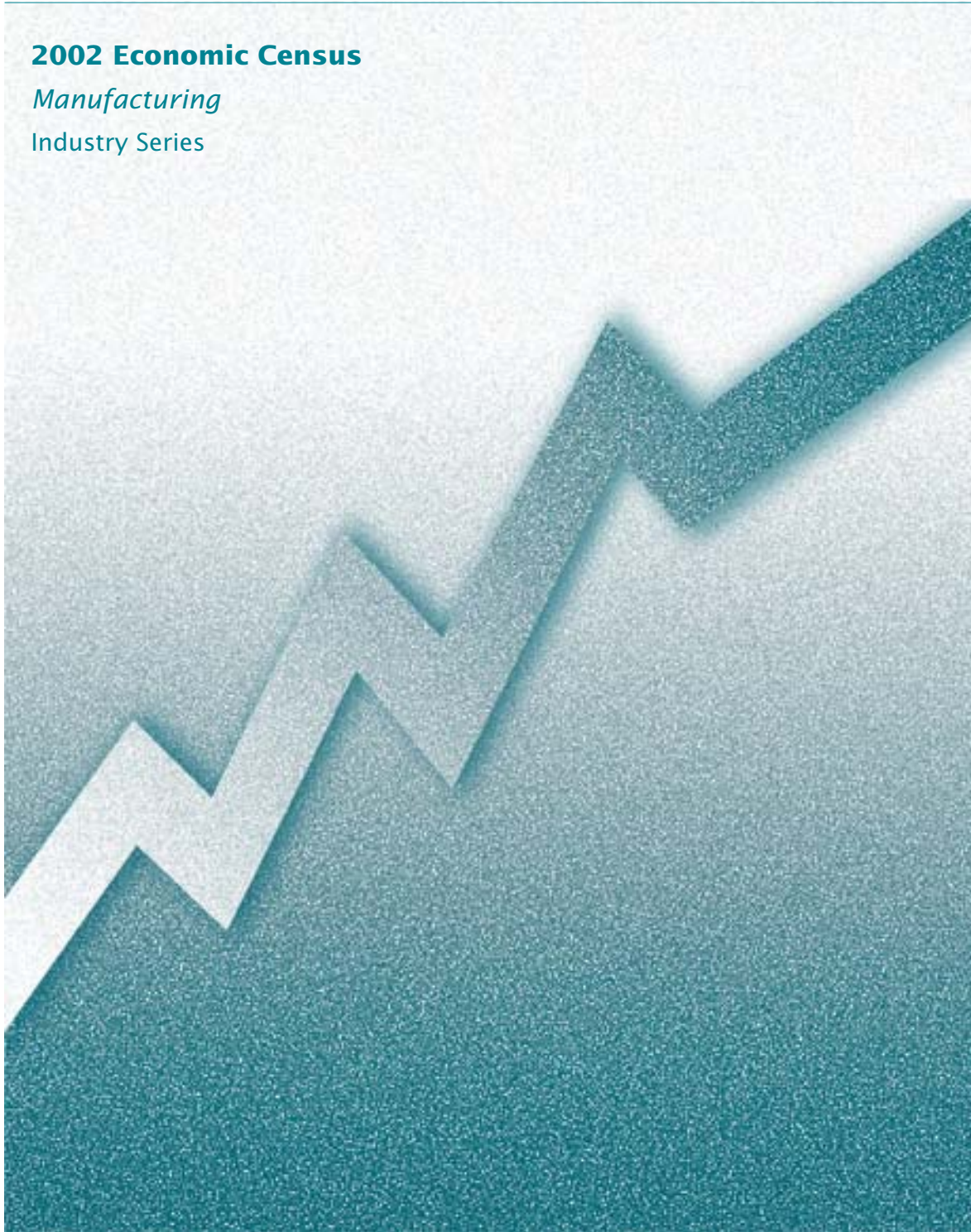
Issued January 2005

EC02-311-322291 (RV)

2002 Economic Census

Manufacturing

Industry Series



USCENSUSBUREAU

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



CONTENTS

Introduction to the Economic Census	v
Manufacturing	ix

Tables

1. Historical Statistics for the Industry: 2002 and Earlier Years ...	1
2. Industry Statistics for Selected States: 2002	2
3. Detailed Statistics by Industry: 2002	3
4. Industry Statistics by Employment Size: 2002.....	4
5. Industry Statistics by Primary Product Class Specialization: 2002	5
6a. Products Statistics: 2002 and 1997	6
6b. Product Class Shipments for Selected States: 2002 and 1997 .	8
7. Materials Consumed by Kind: 2002 and 1997.....	9

Appendixes

A. Explanation of Terms	A-1
B. NAICS Codes, Titles, and Descriptions	B-1
C. Methodology	C-1
D. Geographic Notes	--
E. Metropolitan and Micropolitan Statistical Areas	--
F. Comparability of Product Classes and Product Codes: 2002 to 1997	F-1

-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)	
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
322291, Sanitary paper product manufacturing	2002..	105	142	19 188	812 897	15 348	31 115	596 099	5 612 630	3 465 913	9 063 265	'414 819
	2001..	N	N	15 489	626 054	11 871	25 514	443 048	4 044 782	2 989 311	7 006 045	352 487
	2000..	N	N	15 431	609 088	12 061	26 240	436 111	4 292 216	2 933 736	7 238 510	336 457
	1999..	N	N	16 233	630 570	13 044	29 377	460 069	4 749 552	2 828 744	7 605 301	233 477
	1998..	N	N	18 864	730 945	15 252	33 039	539 241	5 167 468	3 236 857	8 376 676	289 631
	1997..	99	136	18 360	680 102	14 980	31 266	514 519	4 463 242	3 345 082	7 833 607	373 969

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
322291, Sanitary paper product manufacturing												
United States	—	142	93	19 188	812 897	15 348	31 115	596 099	5 612 630	3 465 913	9 063 265	'414 819
California	7	9	4	310	11 854	256	572	8 665	44 782	57 320	101 809	'2 300
Georgia	—	11	8	2 523	135 792	2 151	4 692	108 195	981 027	705 291	1 695 657	'89 227
New Jersey	4	5	3	208	6 035	168	394	3 954	23 898	27 487	50 807	'1 054
New York	4	18	10	695	26 496	576	1 227	17 767	125 153	139 608	261 421	'3 966
Ohio	4	5	3	530	17 317	423	861	12 705	92 819	86 087	177 644	'2 082
Pennsylvania	—	8	7	1 981	100 672	1 467	3 392	63 228	526 063	410 016	933 086	'32 234
Wisconsin	—	27	24	5 033	198 259	4 018	8 101	145 317	1 170 009	808 369	1 978 114	'33 557

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
322291, Sanitary paper product manufacturing	
Companies ¹	number.. 105
All establishments ²	number.. 142
Establishments with 1 to 19 employees	number.. 49
Establishments with 20 to 99 employees	number.. 42
Establishments with 100 employees or more	number.. 51
All employees ³	number.. 19 188
Total compensation	\$1,000.. 1 047 357
Annual payroll	\$1,000.. 812 897
Total fringe benefits	\$1,000.. 234 460
Production workers, average for year	number.. 15 348
Production workers on March 12	number.. 15 493
Production workers on May 12	number.. 15 437
Production workers on August 12	number.. 15 086
Production workers on November 12	number.. 15 342
Production worker hours	\$1,000.. 31 115
Production worker wages	\$1,000.. 596 099
Total cost of materials	\$1,000.. 3 465 913
Materials, parts, containers, packaging, etc., used	\$1,000.. 3 132 590
Resales	\$1,000.. 192 843
Purchased fuels	\$1,000.. 43 229
Purchased electricity	\$1,000.. 85 373
Contract work	\$1,000.. 11 878
Quantity of electricity purchased for heat and power	1,000 kWh.. 1 919 760
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 9 063 265
Primary products value of shipments	\$1,000.. 8 515 506
Secondary products value of shipments	\$1,000.. 279 533
Total miscellaneous receipts	\$1,000.. 268 226
Value of resales	\$1,000.. 259 653
Contract receipts	\$1,000.. D
Other miscellaneous receipts	\$1,000.. D
Primary products specialization ratio	percent.. 97
Value of primary products shipments made in all industries	\$1,000.. 8 611 264
Value of primary products shipments made in this industry	\$1,000.. 8 515 506
Value of primary products shipments made in other industries	\$1,000.. 95 758
Coverage ratio	percent.. 99
Value added	\$1,000.. 5 612 630
Total inventories, beginning of year	\$1,000.. 548 308
Finished goods inventories	\$1,000.. 310 318
Work-in-process inventories	\$1,000.. 26 532
Materials and supplies inventories	\$1,000.. 211 458
Total inventories, end of year	\$1,000.. 575 391
Finished goods inventories	\$1,000.. 322 985
Work-in-process inventories	\$1,000.. 29 143
Materials and supplies inventories	\$1,000.. 223 263
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '4 376 989
Total capital expenditures (new and used)	\$1,000.. '414 819
Buildings and other structures (new and used)	\$1,000.. '55 461
Machinery and equipment (new and used)	\$1,000.. '359 358
Automobiles, trucks, etc., for highway use	\$1,000.. '2 212
Computers and peripheral data processing equipment	\$1,000.. '15 254
All other expenditures for machinery and equipment	\$1,000.. '341 892
Total retirements	\$1,000.. '160 695
Gross value of depreciable assets at end of year	\$1,000.. '4 631 113
Depreciation charges during year	\$1,000.. '329 431
Total rental payments	\$1,000.. 45 421
Buildings and other structures	\$1,000.. 25 113
Machinery and equipment	\$1,000.. 20 308
Total other expenses ⁴	\$1,000.. 214 303
Response coverage ratio ⁵	percent.. 94
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 58 173
Communications services ⁴	\$1,000.. 4 452
Legal services ⁴	\$1,000.. 3 049
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 631
Advertising and promotional services ⁴	\$1,000.. 16 281
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 2 367
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 4 300
Management consulting and administrative services ⁴	\$1,000.. 3 686
Taxes and license fees ⁴	\$1,000.. 18 163
All other expenses ⁴	\$1,000.. 103 200

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on 2002 Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
322291, Sanitary paper product manufacturing											
All establishments	—	142	19 188	812 897	15 348	31 115	596 099	5 612 630	3 465 913	9 063 265	'414 819
Establishments with—											
1 to 4 employees	9	24	53	2 063	42	85	1 578	8 282	9 611	17 893	'393
5 to 9 employees	9	11	72	2 959	54	121	2 090	12 391	14 960	27 652	'593
10 to 19 employees	9	14	165	7 007	136	300	5 386	26 135	34 540	63 861	'2 047
20 to 49 employees	3	21	688	22 948	518	1 104	14 295	83 155	125 640	209 260	'7 376
50 to 99 employees	2	21	1 506	56 482	1 234	2 398	34 801	225 374	229 273	455 097	'29 345
100 to 249 employees	1	28	4 224	162 577	3 332	7 165	111 697	1 003 870	741 944	1 731 456	'61 610
250 to 499 employees	—	13	4 570	183 880	3 565	7 725	137 181	1 057 804	792 692	1 841 270	'47 724
500 to 999 employees	—	8	i	D	D	D	D	D	D	D	D
1,000 to 2,499 employees	—	2	h	D	D	D	D	D	D	D	D
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	40	371	15 899	304	665	12 486	67 951	79 939	147 890	'3 163

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
322291	Sanitary paper product manufacturing .	142	19 188	812 897	15 348	31 115	596 099	5 612 630	3 465 913	9 063 265	'414 819
3222912	Disposable diapers and similar disposable products, made from purchased sanitary paper stock or wadding.....	32	9 092	379 100	7 052	13 887	269 655	3 235 405	1 463 841	4 689 496	'238 864
3222915	Sanitary tissue paper products, made from purchased sanitary paper stock or wadding	52	8 933	390 217	7 404	15 329	295 537	2 232 804	1 856 604	4 085 811	'169 863

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
322291	Sanitary paper product manufacturing	2002.. N	X	X	8 611 264
	1997.. N		X	X	7 478 370
3222912	Disposable diapers and similar disposable products, made from purchased sanitary paper stock or wadding	2002.. N	X	X	4 599 635
	1997.. N		X	X	N
32229121	Disposable diapers and similar disposable products (including sanitary napkins, tampons, training pants, and incontinent pads), made from purchased sanitary paper stock or wadding	2002.. N	X	X	4 599 635
	1997.. N		X	X	N
3222912100	Disposable diapers and similar disposable products (including sanitary napkins, tampons, training pants, and incontinent pads), made from purchased sanitary paper stock or wadding ¹	millions.. 2002.. 20	X	S	4 599 635
	1997.. N		X	N	N
3222912Y	Disposable diapers and similar disposable products, made from purchased sanitary paper stock or wadding, nsk	2002.. N	X	X	—
	1997.. N		X	X	N
3222912YVV	Disposable diapers and similar disposable products, made from purchased sanitary paper stock or wadding, nsk	2002.. N	X	X	—
	1997.. N		X	X	N
3222915	Sanitary tissue paper products, made from purchased sanitary paper stock or wadding	2002.. N	X	X	3 849 269
	1997.. N		X	X	1 648 240
32229151	Facial tissues and handkerchiefs, including sputum wipes, made from purchased sanitary paper stock or wadding	2002.. N	X	X	129 764
	1997.. N		X	X	36 205
3222915111	Facial tissues and handkerchiefs, including sputum wipes, made from purchased sanitary paper stock or wadding ²	1,000 s tons.. 2002.. 6	X	S	129 764
	1997.. 4		X	12.1	36 205
32229152	Paper table napkins, industrial and retail packages, bulk and dispenser types, made from purchased sanitary paper stock or wadding	2002.. N	X	X	D
	1997.. N		X	X	D
3222915215	Paper table napkins, industrial and retail packages, bulk and dispenser types, made from purchased sanitary paper stock or wadding ³	1,000 s tons.. 2002.. 21	X	D	D
	1997.. N		X	N	N
32229153	Toilet tissue, retail packages, rolls and ovals, facial tissue type, two-ply or more, made from purchased sanitary paper stock or wadding	2002.. N	X	X	373 511
	1997.. N		X	X	228 108
3222915331	Toilet tissue, retail packages, rolls and ovals, facial tissue type, two-ply or more, made from purchased sanitary paper stock or wadding ⁴	1,000 s tons.. 2002.. 8	X	P185.7 S	373 511
	1997.. 8		X		228 108
32229154	Toilet tissue, retail packages, rolls and ovals, regular type, single-ply, made from purchased sanitary paper stock or wadding	2002.. N	X	X	D
	1997.. N		X	X	D
3222915433	Toilet tissue, retail packages, rolls and ovals, regular type, single-ply, made from purchased sanitary paper stock or wadding ⁵	1,000 s tons.. 2002.. 4	X	D	D
	1997.. 5		X	D	D
32229156	Paper towels, industrial packages (rolled, folded, and interfolded), made from purchased sanitary paper stock or wadding	2002.. N	X	X	421 935
	1997.. N		X	X	317 758
3222915661	Paper towels, industrial packages (rolled, folded, and interfolded), made from purchased sanitary paper stock or wadding ⁶	1,000 s tons.. 2002.. 19	X	P265.3 S	421 935
	1997.. 10		X		317 758
32229157	Paper towels, retail packages (rolled, folded, and interfolded), made from purchased sanitary paper stock or wadding	2002.. N	X	X	695 102
	1997.. N		X	X	D
3222915701	Paper towels, retail packages (rolled, folded, and interfolded), made from purchased sanitary paper stock or wadding ⁷	1,000 s tons.. 2002.. 9	X	S	695 102
	1997.. N		X	N	N
32229159	Other sanitary paper products (including industrial packaged toilet tissue (all types), paper wipers (except nonwoven), absorbent pads, etc.), made from purchased sanitary paper stock or wadding	2002.. N	X	X	1 391 467
	1997.. N		X	X	N
3222915901	Other sanitary paper products (including industrial packaged toilet tissue (all types), paper wipers (except nonwoven), absorbent pads, etc.), made from purchased sanitary paper stock or wadding ⁸	1,000 s tons.. 2002.. 29	X	S	1 391 467
	1997.. N		X	N	N
3222915Y	Sanitary tissue paper products, made from purchased sanitary paper stock or wadding, nsk	2002.. N	X	X	8 934
	1997.. N		X	X	16 944
3222915YVV	Sanitary tissue paper products, made from purchased sanitary paper stock or wadding, nsk	2002.. N	X	X	8 934
	1997.. N		X	X	16 944
322291W	Sanitary paper product manufacturing, nsk, total	2002.. N	X	X	162 360
	1997.. N		X	X	115 542
322291WY	Sanitary paper product manufacturing, nsk, total	2002.. N	X	X	162 360
	1997.. N		X	X	115 542
322291WYWW	Sanitary paper product manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	18 319
	1997.. N		X	X	25 367
322291WYWY	Sanitary paper product manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	144 041
	1997.. N		X	X	90 175

¹This product code is primary to more than one industry. See industry 322121, product code 322121K100.

²This product code is primary to more than one industry. See industry 322121, product code 322121N111.

³This product code is primary to more than one industry. See industry 322121, product code 322121N201.

Table 6a. **Products Statistics: 2002 and 1997—Con.**

⁴This product code is primary to more than one industry. See industry 322121, product code 322121N331.
⁵This product code is primary to more than one industry. See industry 322121, product code 322121N433.
⁶This product code is primary to more than one industry. See industry 322121, product code 322121N661.
⁷This product code is primary to more than one industry. See industry 322121, product code 322121N701.
⁸This product code is primary to more than one industry. See industry 322121, product code 322121N901.

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3222912	Disposable diapers and similar disposable products, made from purchased sanitary paper stock or wadding	
	United States 2002 ..	4 599 635
	..... 1997 ..	N
	Georgia 2002 ..	333 251
	..... 1997 ..	N
	Ohio 2002 ..	155 360
	..... 1997 ..	N
	Pennsylvania 2002 ..	782 298
	..... 1997 ..	N
3222915	Sanitary tissue paper products, made from purchased sanitary paper stock or wadding	
	United States 2002 ..	3 849 269
	..... 1997 ..	1 648 240
	New York 2002 ..	223 779
	..... 1997 ..	203 916
	Wisconsin 2002 ..	1 288 297
	..... 1997 ..	771 706

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
322291	Sanitary paper product manufacturing		
00900001	Total materials .....2002..	X	3 132 590
	.....1997..	X	3 161 776
32210027	Woodpulp (air dry basis) .....1,000 s tons.....2002..	S	503 101
	.....1997..	303.6	195 016
32212007	Paper .....1,000 s tons.....2002..	936.4	688 588
	.....1997..	978.8	778 926
32521105	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc. ....2002..	X	204 752
	.....1997..	X	94 409
32610013	Plastics products consumed in the form of sheets, rods, tubes, film, and other shapes .....2002..	X	59 494
	.....1997..	X	275 462
31323001	Nonwoven fabrics .....mil sq yd.....2002..	S	271 200
	.....1997..	P5 731.8	471 836
001900A2	Packaging paper and plastics film (including coated, laminated, printed, etc.) .....2002..	X	224 698
	.....1997..	X	119 935
32552003	Glues and adhesives.....mil lb.....2002..	S	77 548
	.....1997..	180.2	115 351
32221001	Paperboard containers, boxes, and corrugated paperboard .....2002..	X	139 729
	.....1997..	X	166 655
00970099	All other materials and components, parts, containers, and supplies .....2002..	X	811 955
	.....1997..	X	580 862
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	151 525
	.....1997..	X	363 324

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.